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BECCM COI Meeting

May 24, 2010



Agenda

- Action Item Review
- Road Map
- Topic Escalation: Address by RP&ILM
- Unit of Measure (UoM) Update
- Heat Map II Status



Action Items

April 27, 2010

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| 1. BECCM COI Staff is to report on UoM progress at the May BECCM COI meeting. | Open. Business case under development. |
| 2. WSLM is to update the BECCM COI Chair on APUID's timeline after an APUID/Joint DPAP-WSLM meeting taking place the week of May 2, 2010. | Open |

March 29, 2010

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|---|---|
| 3. BECCM COI Members are to provide comments on the BECCM COI CONOPS by May 14 th to Jerry Cole at Jerry.Cole@bta.mil . | Closed
Comments received from RP&ILM, FM, DPAP, HRM, WSLM. |
| 4. Responsible parties are to brief the BECCM COI on CHRIS, Delinquent Debt, and RPIM Standards:

a) HRM to brief CHRISs at the May BECCM COI Meeting.
b) RP&ILM to brief RPIM Standards at the May BECCM COI Meeting.
c) FM to brief Delinquent Debt at the May BECCM COI Meeting. | Open
Christal Lambert is collecting input from one-on-one meetings with CBM COIs that will be used for Heat Map II.

BEA will brief updates from the one-on-one meetings to the BECCM COI. |
| 5. Christal Lambert is to cross-reference the list of current BIPs for BEA 8.0 with 15 end-to-end (E2E) processes. | Pending approval of BEA 8.0 BIPs. |



Action Items

February 25, 2010

6. RP&ILM is to brief background and context of "Address" as a topic escalation at May's BECCM COI Meeting.	Open
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7. BECCM COI Staff is to identify where enterprise data standards are missing in the BEA for Iteration II of the Host Man	Open
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November 19, 2009

9. UoM WG is to analyze the cost of inaction versus adopting each standard they're considering. This analysis will be included in the BECCM presentation before the next WSLM CBMG meeting on December 8th.	Closed. Action is incorporated in UoM business case action.
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BECCM COI Road Map

FY10 Q3			FY10 Q4		
April	May	June	July	August	September
<p>April 27, 2010</p> <p>BECCM Topic Standard: UoM</p> <p>DCMO ▼</p>	<p>May 24, 2010</p> <p>BECCM Topic Standard: Address</p> <p>RP&ILM ▼</p>	<p>June 24, 2010</p> <p>BECCM Topic Standard: APUID, Milestone B</p> <p>WSLM ▼</p>	<p>July 27, 2010</p>	<p>August 20, 2010</p> <p>BECCM Topic Standard: Federal Grant Management Capability</p> <p>DCMO ▼</p>	<p>September 30, 2010</p> <p>BECCM Topic Standard: Program</p> <p>HRM</p>
<p>Standard for describing the way something is measured</p> <p><i>Schedule TBD.</i></p>	<p>Standard for setting and formatting an address</p>	<p>Acquisition Program Unique ID</p>		<p>OMB driven standard for a to-be created Federal grant management capability</p>	<p>Standard for establishing the meaning of program</p>
<p>Standard Status within BECCM: TBD</p>	<p>Standard Status within BECCM: TBD</p>	<p>Standard Status within BECCM: TBD</p>		<p>Standard Status within BECCM: TBD</p>	<p>Standard Status within BECCM: TBD</p>



Address Standard



Address Problem

- DoD relies on the U.S. Postal Service and commercial shipping services for distribution of correspondence and supplies
- Old, invalid, or incomplete addresses cause delays and increase costs
- Organizations across DoD use different, incompatible structures for creating, storing, and updating addresses; for example:
 - Many legacy systems structure street address as one text field
 - The Army's General Fund Enterprise Business System structures street address as a house number and combines the remainder of street address information
 - The DoD Business Enterprise Architecture (BEA) structures street address as four entities (house number, street direction, street name, and street type)
- In the private sector, street address is stored using more street address entities
 - More refined data structure allows for reliable address validation



Address History

- **Dec 2001: DoD Manual 4525.8, “DoD Official Mail Manual”**
 - The DoD installation is responsible for assigning city-style, street addresses on the installation.
 - Street addresses shall be assigned and used even though a DoD activity may deliver the mail to the addressee.
- **Nov 2004: BEA release 2.3**
 - ADDRESS entity was added. This structure allowed for addresses of places or organizations, not just for persons. Street address was decomposed into its four component parts.
- **Dec 2004: Department of Defense Directive (DoDD) 8320.2, “Data Sharing in a Net-Centric Environment”**
 - *“Data interoperability shall be supported by making data assets understandable and by enabling business and mission processes to be reused where possible.”*
- **Aug 2006: Real Property Information Model version 1.1 released**
 - Included the four component parts of the BEA address
- **Mar 2007: DoDD 8320.03, “UID Standards for a Net-Centric Department of Defense”**
 - *“Develop and promulgate policy guidance for defining, implementing, and maintaining location UID standards...”*



Unit of Measure Update



Unit of Measure Progress Update

- In January, the UOM workgroup briefed the BECCM on a proposed functional approach that would be further vetted during the Technical Syntax Phase
- We received a request for additional documentation of research, alternatives considered, and the rationale that supported the recommendation
- The team is developing a business case that lays out a logical thought process around our previous work
- Target date for briefing to the BECCM will be 24 June 10



Unit of Measure Business

Case

Business Problem: **The lack of a consistent Unit of Measure (UoM) standard leads to incorrectly fulfilled procurements, many layers of costly translation processes, requiring human intervention and delays, and forcing our new ERP systems to add customizations**

Ambiguity results in challenges in the automated end-to-end (E2E) business process information exchange such as those found when organizations try to process and match invoices using data that has passed through multiple processes and Automated Information Systems

Business Case Framework:

1. Background - Executive Summary
2. Problem Statement
3. Problem Definition
4. Scope, Boundaries
5. Goals/Objectives
6. Approach/Methodology
7. DOTMLPF Analysis and Impact Assessment
8. Benefits
9. Analysis of Alternatives
10. Project Justification

OUTCOME: A concise business case that quantifies the problem, defines the roots cause and shows how the recommendation approach will solve the problem.



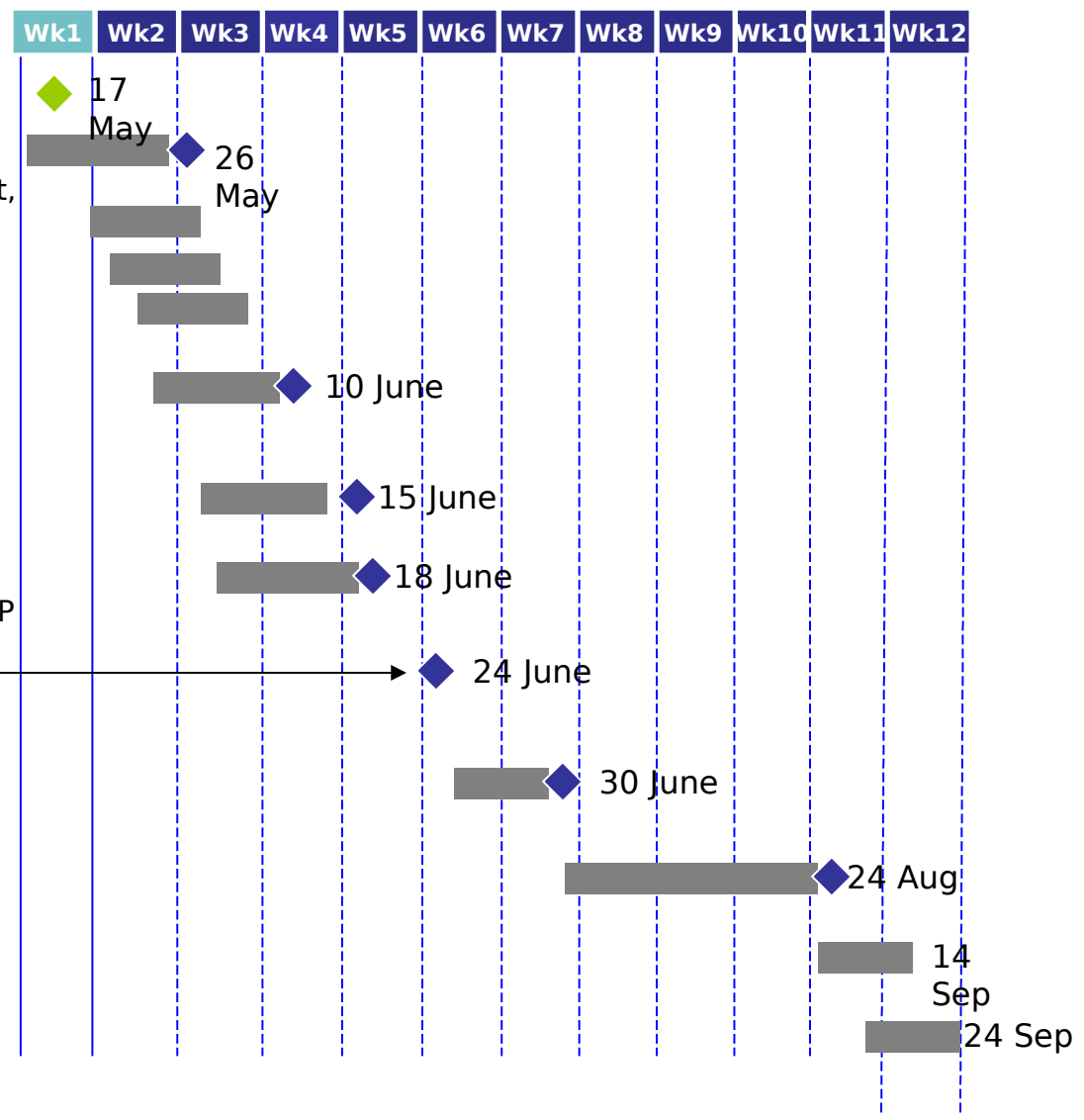
UoM Project Plan

Task 1: Develop Business Case

- **Complete Executive Summary**
- **Problem Statement**, Problem Context, Definition, Boundaries
- **DOTMLPF Analysis and Impact Assessment**
- **Goals/Objectives**
- **Approach/Methodology**
- **Complete Solution Scope** - Scope Definition, Expected Business Outcomes, Solution Constraints and Dependencies
- **Analysis of Alternatives** - Recommendation - Validate against ERP
- **Project Justification** - Business Process Requirements, Assumptions, Critical Success Factors, Risks

Task 2: BECCM Approval - Request Approval of Business Case

- ### Task 3: Proof of Concept
- Agree on Technical Objectives, add Technical SMEs
 - **Proof of Concept** - includes documentation and results
 - **Review recommendation** and documentation
 - **Endorse or reject** materiel, policy and procedural changes



Wk# Current Week
 ◆ Deliverable
◆ Completed Deliverable

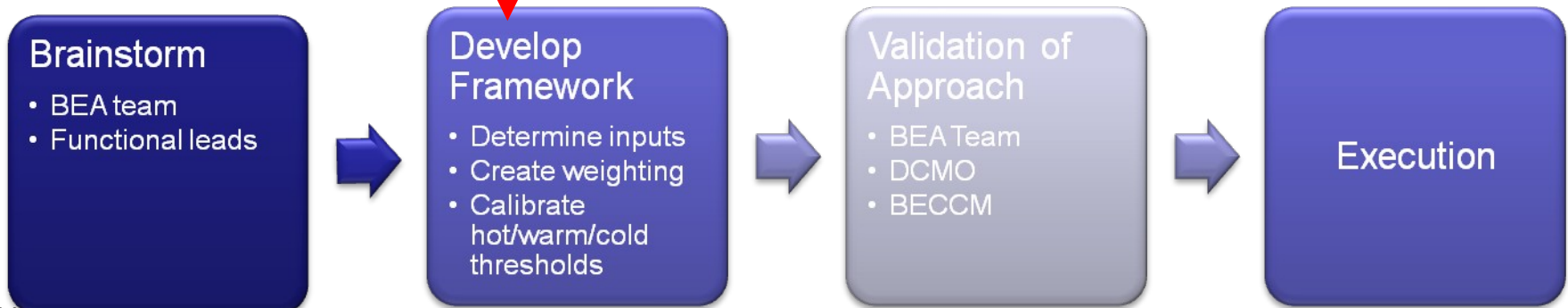


Heat Map II Status



Heat Map II Status

- Goal: To develop “heat map” that shows the business maturity of the BEA architecture in the context of guiding interoperability and investment management
- Progress:
 - Created an ad hoc working group comprised of BEA architects and BEP functionals to brainstorm an approach that would provide a more scientific/repeatable approach
 - Approach based on an end-to-end business flow perspective
 - Creating draft criteria and scoring instruments
- Next steps: Brief BECCM COI in June on the draft approach and metric before proceeding





Backup



BEA Address Attributes

- Instead of two text lines, the BEA decomposes street address into the following attributes:
 - **Street Number**
 - **Street Name**
 - **Street Type**
 - **Street Direction**
 - City *
 - Postal Zone (zip code)*
 - Country Primary Subdivision (state) *
 - Country Subdivision (county) *
 - Country *
- * Data elements generally accepted, and not included in later slides

Data elements in **Green** are BEA street address or equivalent